

MEMORANDUM

TO: Andrew Louw (City of Somerville)

CC: Weston & Sampson Team, File

FROM: Joseph Spencer and Taylor Smith (Weston & Sampson)

DATE: June 14, 2021

SUBJECT: Conway Park Remediation and Redevelopment – Weekly Update
Week Ending June 11, 2021

Construction at Conway Park in Somerville is ongoing. Quirk Construction (Quirk), under contract with the City of Somerville (the City), mobilized on April 20, 2021. A summary of the Project status and this week's activities are as follows:

Week: 8

Phase: 1

Primary Contractor: Quirk

Requests for Information (RFIs)

There are four RFIs currently outstanding. Outstanding RFIs include:

- *RFI #1* - Stormwater connection – submitted 4/30/21
 - Surveyed manhole locations and measured depths to inverts. W&S to provide confirmed elevations.
- *RFI #2* - Sports Netting/Backstop Conflict – submitted 4/30/21
 - Quirk and W&S continue to coordinate on this.
- *RFI #3* - MBTA Retaining Wall & Fence – submitted 6/4/21
 - Surveyed existing wall. W&S coordinating internally.
- *RFI #4* - Drainage Inverts at Plaza – submitted 6/4/21
 - W&S coordinating internally.

Major Milestones

The following major milestones were reached this week:

- Completed demolition of retaining wall in southeast corner of site.
- Utility relocation was completed this week

On-going Construction

Construction of the following is on-going:

- Sub-field grading
- Wall adjacent to MBTA right-of-way
- Basketball courts at Conway West

- Inspection, maintenance, and repair of environmental protection

Outstanding Items

The following items require attention:

- Resolution of RFIs #1-4
- Weston & Sampson to provide final LSP package for topsoil shipment

Dust Monitoring

Monitoring for dust at the perimeter of the Site and adjacent to residences, pedestrians, and bicyclists is achieved through a network of four (4) continuous dust monitoring instruments. One is placed in front of the adjacent Allen Court residences and the other three are moved daily, if necessary, based on wind direction. The instruments, TSI DustTracks, measure particulate matter in air and continuously log the results to a computer where the results are stored. The 150 micrograms/cubic meter ($\mu\text{g}/\text{m}^3$) Project action level being used at both the Site perimeter and in the work zone and is based the EPA's National Ambient Air Quality Standard (NAAQS) for coarse particles, which is a 24-hour Time-Weighted Average (TWA), and is considered a conservative action level based on site-specific risk calculations. If any 15-minute exceedance of the 24-hour TWA is exceeded, e-mail alerts are sent to Weston & Sampson and Quirk, and Site work is temporarily halted while additional dust suppression methods are employed.

Exposed soil, stockpiles, and areas where earth is being disturbed are sprayed regularly with water by Quirk to prevent the release of dust/soil particles. Some areas are covered with a geotextile fabric and weighed down with clean stone. No dust meters in the four (4) monitor network have recorded a 24-hour TWA above 150 $\mu\text{g}/\text{m}^3$ during the work week ending June 11, 2021.

The following ranges of average daily dust concentrations have been recorded this week:

- Downwind: 9.7 to 53.3 $\mu\text{g}/\text{m}^3$
- Crosswind: 7.1 to 54.9 $\mu\text{g}/\text{m}^3$
- Upwind: 5.4 to 32.6 $\mu\text{g}/\text{m}^3$
- Meter adjacent to eastern border/residences: 9.7 to 32.6 $\mu\text{g}/\text{m}^3$

As referenced in the Daily Report for 6/7/21, the 24-hour TWA of 150 $\mu\text{g}/\text{m}^3$ was exceeded on Sunday, 6/6/21, due to an anomalous spike (3 logging intervals) several orders of magnitude higher than the averages recorded to date. No work was being conducted at the time of the exceedance and an inspection of the meter on 6/7/21 showed an unusual amount of pollen inside the protective box.

Pay Requests

No pay requests were reviewed by Weston & Sampson this week. The final, notarized Pay Request #1 was submitted to the City by Quirk on Wednesday June 2, 2021.

Schedule

The Project is currently approximately 2 weeks behind schedule based on the initial Project schedule provided. Quirk is working on a revised Project schedule that is expected to show recovery during Phase 2/Phase 3 of the Project. Quirk provided a revised Phase I schedule with the following projected:

6/14: Commence topsoil (0-6") export.

7/2: Turn site over to EPA.

\\wse03.local\wse\projects\ma\somerville ma\conway park\construction\periodical reports\weekly reports\6-11-21\conway park weekly update_061121.docx